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Notice of Allowability	Application No.	Applicant(s)	
	09/664,643	MIYASAKA, KOICHI	
	Examiner	Art Unit	
	Jeremy C. Norris	2841	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to interview with Applicant's Representative 22 September 20005.
2. ☒ The allowed claim(s) is/are 7-17.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>7/1/2004</u> 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Brent Seitz on 22 September 2005.

The application has been amended as follows:

REPLACE the text of Claim 7 with the following:

7. (currently amended) An electrooptical device having a conductor pattern constituted by a plurality of elongated conductors formed in parallel to each other on a base, further having a dummy pattern constituted by a plurality of dummy conductors formed in an area on said base where said conductor pattern is not formed, the dummy patterns including a plurality of dummy pattern rows aligned parallel to each other and to the elongated conductors, and in which electrooptical material is disposed on said conductor pattern, wherein said plurality of dummy conductors disposed in an array direction of said plurality of conductors to constitute said dummy pattern are mutually separated by gaps in an extending direction of said plurality of elongated conductors, the gaps in adjacent dummy pattern rows being shifted out of alignment from each other with respect to the extending direction, and wherein said dummy conductors are electrically independent of each other.

REPLACE the text of Claim 8 with the following:

8. (previously presented) An electro-optical device comprising'. a conductor pattern having a plurality of elongated conductors formed in parallel to each other in a first area on a base; said conductor pattern having a dummy pattern, said dummy pattern being a plurality of dummy conductors formed in at least a second area on said base, said dummy conductors being arranged in rows of dummy conductors, each row being parallel to an adjacent row and to said elongated conductors, said rows being separated by a gap, the gaps in adjacent dummy pattern rows being shifted out of alignment from each other with respect to an extending direction of said elongated conductors', and electro-optical material being disposed on said conductor pattern', wherein each of said plurality of dummy conductors are disposed in an array direction of said plurality of elongated conductors to form said dummy pattern, and each of said plurality of dummy conductors are mutually electrically separated in the array direction of said plurality of elongated conductors, and wherein said dummy conductors are electrically independent of each other.

Allowable Subject Matter

Claims 7-17 are allowed.

The following is an examiner's statement of reasons for allowance: Claims 7, 8 and 9-13 via dependency state the limitation "wherein said dummy conductors are electrically independent of each other. Applicant has persuasively argued that the electrical independence of the dummy conductors is a vital aspect of the instantly

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claimed invention as described on page 9, line 15 - page 10, line 10. Conversely, in the previously applied prior art of JP 08211398 (Hitachi) the rows of dummy conductors are necessarily electrically connected. Thus any modification of the invention of Hitachi in this manner would destroy the invention. Additionally, no other prior art was found to disclose or suggest the claimed invention.

Claims 14 and 15-17 via dependency state the limitation "wherein each of the adjacent pairs of dummy conductors have a dummy conductor pitch matching the probe pair spacing such that the probe pair spacing is retained in the array direction of said plurality of dummy conductors". This limitation, in conjunction with the other claimed limitations was neither found to be disclosed in, nor suggested by the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeremy C. Norris whose telephone number is 571-272-1932. The examiner can normally be reached on Monday - Friday, 9:30 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamand Cuneo can be reached on 571-272-1957. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JCSN



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